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 DIRECTOR OF CENTRAL INTELLIGENCE
 Intelligence Information Handling Committee
 WASHINGTON, DC 20505

Cmte 10

IHC/MM 84-84
 2 November 1984

U.S. Readiness Command

RC J2

Attn: Donald L. Dukes
 MacDill AFB, FL 33608

Dear Mr. Dukes:

The Intelligence Community Staff's (ICS) Intelligence Information Handling Committee (IHC) has been assisting the Defense Mapping Agency (DMA) with their contracting effort to produce a new product line of maps on video disc. To this end, the IHC staff has identified national intelligence community (IC) requirements for video disc-based maps. In particular, I have coordinated and received relevant input from NSA, CIA, DIA, NSC (White House), and Washington area service representatives. I have contacted representatives from private industry from Perceptronics, Inc., BDM Corp., Interactive Television Co., Decisions and Designs, Inc., Ga. Tech., and others.

At present, IC requirements have been incorporated in a DMA request for proposal (RFP). Accordingly, the IHC has prepared a preliminary draft guidelines and standards which corresponds to the manner in which the DMA video discs will be produced. This draft is in the process of being distributed within the Intelligence Community for review and comment. With reference to our telephone conversation of 1 November 1984, I have enclosed a copy of the Draft Guidelines and Standards. I am also attaching a copy of the Defense Mapping Agency's RFP which specifies the areas of the world on which video disc-based maps will be produced and which gives a general idea of the types of maps to be included.

Note that the specifics of the control software will be detailed by the DMA selected contractor, when the contract is let. (Two bids are being evaluated.) We expect a contract to be let shortly and video discs to begin rolling off the production line early in 1985. Furthermore, another agency is in the process of letting a contract for the production of video disc-based maps covering major portions of the USSR. They will be produced to the same standards as the DMA discs. Production of this series will also begin early next year.

You will further note that the required software is based on geographic coordinates. While the use of geographic coordinates appeared to us to best meet the requirements of the NSC and the national intelligence community, we

have assumed that, through the use of appropriate conversion algorithms, the discs to be produced under the DMA RFP could be adapted for use with UTM-based systems. We would particularly appreciate receiving your thoughts on this issue and on the draft guidelines and standards. We will try to keep you informed of future developments on this matter and will forward the final standards to you as they are determined. If you have any questions or would like to advise me of other activities on video discs applications, please contact me at either [redacted] (secure). Please keep me informed of the progress of your project.

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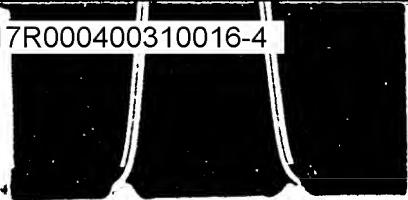
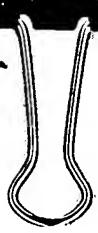


Attachments: a/s

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**GEOGRAPHIC/CARTOGRAPHIC VIDEO DISCS
PRELIMINARY DRAFT STANDARDS AND GUIDELINES
(SECOND REVISION)**
October 1, 1984